

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	java same jdk same (device adj driver) same native	USPAT	OR	ON	2005/02/03 15:55

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	93	(device adj driver) and dll and java and embedded	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 13:12
L2	56	(device adj driver) and dll and java and embedded and (emulation or emulator)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 13:38
L3	1575	((703/13) or (703/23) or (719/310) or (719/321) or (719/327)).CCLS.	USPAT	OR	OFF	2005/02/03 13:39
L4	0	("3and(deviceadjdriver)").PN.	USPAT	OR	OFF	2005/02/03 13:39
L5	274	3 and (device adj driver)	USPAT	OR	OFF	2005/02/03 13:39
L6	3	5 and RTOS	USPAT	OR	OFF	2005/02/03 13:43
L7	2	5 and (native adj driver)	USPAT	OR	OFF	2005/02/03 13:47
L8	0	7 and (emulation or emulator)	USPAT	OR	OFF	2005/02/03 13:46
L9	234	(national and instruments).as.	USPAT	OR	OFF	2005/02/03 13:47
L10	3	9 and (device adj driver) and GUI	USPAT	OR	OFF	2005/02/03 13:51
L11	2	JNI and java and (palm adj pilot)	USPAT	OR	ON	2005/02/03 13:54
L12	0	11 and (device adj driver)	USPAT	OR	ON	2005/02/03 13:54
L13	14293	java nad jni and (device adj driver)	USPAT	OR	ON	2005/02/03 13:55
L14	14	java and jni and (device adj driver)	USPAT	OR	ON	2005/02/03 13:55
L15	21	("5239648"   "5367698"   "5564037"   "5584023"   "5706507"   "5721908"   "5758344"   "5768510"   "5815709"   "5961586"   "5974256"   "5987473"   "6052739"   "6064382"   "6066181"   "6074432"   "6110226").PN. OR ("6199194").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/03 14:21
L16	388	((phar adj lap) or qnx or vxworks or rtos) and embedded	USPAT	OR	ON	2005/02/03 14:22
L17	3	16 and (device adj driver) and (bsp or (board adj support adj package))	USPAT	OR	ON	2005/02/03 14:24
L18	29	(device adj driver) and (bsp or (board adj support adj package))	USPAT	OR	ON	2005/02/03 14:32
L19	35	(board adj support adj package)	USPAT	OR	ON	2005/02/03 14:32


Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	javaj and jdk and (device adj driver) and native	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:30
L2	10	java and jdk and (device adj driver) and native	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:30

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# 1 [File system usage in Windows NT 4.0](#)

Werner Vogels

December 1999 **ACM SIGOPS Operating Systems Review , Proceedings of the seventeenth ACM symposium on Operating systems principles**, Volume 33 Issue 5

Full text available:  [pdf \(1.75 MB\)](#)


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We have performed a study of the usage of the Windows NT File System through long-term kernel tracing. Our goal was to provide a new data point with respect to the 1985 and 1991 trace-based File System studies, to investigate the usage details of the Windows NT file system architecture, and to study the overall statistical behavior of the usage data. In this paper we report on these issues through a detailed comparison with the older traces, through details on the operational characteristics and ...

# 2 [Windows NT software design and implementation for a wireless LAN base station](#)

Marko Hännikäinen, Timo Vanhatupa, Jussi Lemiläinen, Timo Hämäläinen, Jouka Saarinen

August 1999 **Proceedings of the 2nd ACM international workshop on Wireless mobile multimedia**

Full text available:  [pdf \(1.20 MB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)
**Keywords:** Windows NT, demonstrator platform, wireless LAN

# 3 [Automatically validating temporal safety properties of interfaces](#)

Thomas Ball, Sriram K. Rajamani

May 2001 **Proceedings of the 8th international SPIN workshop on Model checking of software**

Full text available:  [pdf \(212.48 KB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We present a process for validating temporal safety properties of software that uses a well-defined interface. The process requires only that the user state the property of interest. It then automatically creates abstractions of C code using iterative refinement, based on the given property. The process is realized in the SLAM toolkit, which consists of a model checker, predicate abstraction tool and predicate discovery tool. We have applied the SLAM toolkit to a number of Windows NT device d ...

# 4 [Automatic predicate abstraction of C programs](#)

Thomas Ball, Rupak Majumdar, Todd Millstein, Sriram K. Rajamani

May 2001 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 2001 conference on Programming language design and implementation**, Volume 36 Issue 5

Full text available:  [pdf \(1.42 MB\)](#)

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Model checking has been widely successful in validating and debugging designs in the hardware and protocol domains. However, state-space explosion limits the applicability of model checking tools, so model checkers typically operate on abstractions of systems.

Recently, there has been significant interest in applying model checking to software. For infinite-state systems like software, abstraction is even more critical. Techniques for abstracting software are a prerequisite to making ...

## 5 A comparison of Windows driver model latency performance on Windows NT and Windows 98

Erik Cota-Robles, James P. Held

February 1999 **Proceedings of the third symposium on Operating systems design and implementation**





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Wesley Erhart, Joseph Bell, Marc Hammons, Mark Mains  
January 2000 **Linux Journal**

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At Nortel Networks, we have developed a Linux-based system for testing a second-generation packet radio service. During system development we explored the details of packet radio, the IP internals of the Linux oper

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Jon P. Ewins, Phil L. Watten, Martin White, Michael D. J. McNeill, Paul F. Lister  
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**Keywords:** 3D graphics, C++, VHDL, codesign, component and design reuse, object oriented programming


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Peri Tarr, Stanley M. Sutton  
May 1993 **Proceedings of the 15th international conference on Software Engineering**

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Joseph L. Brothers  
April 1995 **Linux Journal**

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It's Not Just for Intel Anymore: A Linux Port Tour: Taking Linux Beyond its Intel-Processor-Based Beginnings

### 5 [The Flux OSKit: a substrate for kernel and language research](#)

Bryan Ford, Godmar Back, Greg Benson, Jay Lepreau, Albert Lin, Olin Shivers  
October 1997 **ACM SIGOPS Operating Systems Review, Proceedings of the sixteenth ACM symposium on Operating systems principles**, Volume 31 Issue 5

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1 [Writing device drivers: A systematic approach](#)

A. Wupit

September 1980 **Proceedings of the 3rd ACM SIGSMALL symposium and the first SIGPC symposium on Small systems**

Full text available:  pdf(545.47 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The paper presents the development of a method leading to systematic programming of I/O-interfaces (I/O-drivers). The concept of information hiding by means of interrupt routines allows one to achieve both clarity and efficiency.

**Keywords:** I/O-drivers, Information hiding, Interrupt routines, Processes, Processor multiplexing, Semaphores



2 [Writing device drivers in Concurrent Pascal](#)

Dennis Heimbigner

October 1978 **ACM SIGOPS Operating Systems Review**, Volume 12 Issue 4


Full text available:  pdf(860.18 KB) Additional Information: [full citation](#), [references](#), [citations](#)



3 [Device driver development in Ada: a case study](#)

Lee G. Slocum

July 1988 **Proceedings of the fifth Washington Ada symposium on Ada**

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4 [Kernel Korner: Block Device Drivers](#)

Michael K. Johnson

January 1995 **Linux Journal**

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5 [Kernel Korner: Block Device Drivers: Interrupts](#)

Michael K. Johnson

February 1995 **Linux Journal**

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Bryan Ford, Godmar Back, Greg Benson, Jay Lepreau, Albert Lin, Olin Shivers  
October 1997 **ACM SIGOPS Operating Systems Review , Proceedings of the sixteenth ACM symposium on Operating systems principles**, Volume 31 Issue 5

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- 2 [The effectiveness of affinity-based scheduling in multiprocessor network protocol processing \(extended version\)](#)

James D. Salehi, James F. Kurose, Don Towsley  
August 1996 **IEEE/ACM Transactions on Networking (TON)**, Volume 4 Issue 4

Full text available:  [pdf\(1.71 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



- 3 [Native Linux on the PowerPC](#)

Cort Dougan  
May 1997 **Linux Journal**


Full text available:  [html\(11.24 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Users of the PowerPC no longer have to settle for less--here's how to run Linux on machines with the PCI bus



- 4 [A methodology for performance evaluation of systems with large emulation code](#)

Humayun Khalid  
June 1999 **ACM SIGARCH Computer Architecture News**, Volume 27 Issue 3

Full text available:  [pdf\(428.18 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Emulation affects accurate performance evaluation of applications running on the present generation of computing machines. The emulation code from present generation of machines is often passed onto the traces which when used for the trace-driven performance evaluation of the next generation of architectures results in highly incorrect evaluations. The scenario captured by the trace may be real. However, one major problem associated with such a reality is that if such traces are used for future ...



**Keywords:** benchmarking, emulation code, performance evaluation, simulation

- 5 [The performance of  \$\mu\$ -kernel-based systems](#)

Hermann Härtig, Michael Hohmuth, Jochen Liedtke, Sebastian Schönberg  
October 1997 **ACM SIGOPS Operating Systems Review , Proceedings of the sixteenth**

